

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	75	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:14
S2	4	S1 and icon\$1 with rotat \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:15
S3	14	"715"/\$ and ring near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:16
S4	9	("5524196").URPN.	USPAT	OR	OFF	2008/03/10 14:18
S5	27	("6448987").URPN.	USPAT	OR	OFF	2008/03/10 14:19

S6	17	"20010045965" "20020186251" "20030043198" "4755809" "5615325" "5825353" "5854629" "5940076" "5958008" "5986638" "6005573" "6028600" "6064383" "6104400" "6188406" "6219053" "6993727"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:21
S7	1	"715"/\$ and centering near2 icon\$1 near2 select \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:22
S8	14	"715"/\$ and center\$3 near2 icon\$1 near2 select \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:23
S9	70	"715"/\$ and center\$4 with icon\$1 with select\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:23
S10	83	"715"/\$ and select\$3 with remov\$3 with icon\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:25
S11	37	"715"/\$ and select\$3 with remov\$3 near3 icon\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:26
S12	0	"715"/\$ and select\$3 with remov\$3 with icon\$1 with center\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:27
S13	2	select\$3 with remov\$3 with icon\$1 with center\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:28

S14	111	center\$3 near3 select\$3 near3 icon\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:29
S15	103	select\$3 adj icon\$1 with center\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:34
S16	24	select\$3 adj icon\$1 with center\$3 and "715"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 14:34
S17	10	S1 and enlarg\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:40
S18	304	icon\$1 with select\$3 with enlarg\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:43
S19	48	icon\$1 with select\$3 with enlarg\$3 and "715"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:43
S20	5	((icon\$1 with select\$3 with enlarg\$3) and (ring with icon\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 14:45

S21	9	("5706448" "5828360" "5940076" "5999895" "6211921" "6337698" "6448987" "6463304" "6538635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 18:12
S22	4	("7036091") or ("6819344")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 18:15
S23	6	("20010028369" "4893286" "5449330" "6154212" "6628313" "6664986").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 12:06
S24	9	("6819344").URPN.	USPAT	OR	OFF	2008/09/15 12:07
S25	6	("5745717").URPN.	USPAT	OR	OFF	2008/09/15 12:07
S26	79	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:08
S27	57	S26 and center\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:08

S28	3	S26 and center\$3 with ring\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:08
S29	29	S26 and center\$3 and rotat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:11
S30	8	S26 and diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:12
S31	29	S26 and select\$4 with center\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:20
S32	5	S26 and select\$4 with center\$4 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:21

S33	0	S26 and select\$4 with (centers or centered) with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:22
S34	56	select\$4 with (centers or centered) with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 12:22
S35	1	("6544123").URPN.	USPAT	OR	OFF	2008/09/15 12:29
S36	44	menu\$1.ti. and (circle\$1 or circular\$2 or ring\$2).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 14:55
S37	1	menu\$1.ti. and (circle\$1 or circular\$2 or ring\$2).ti. and center\$3 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 14:56
S38	2	("6544123").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/15 15:02

S39	1	("6544123").URPN.	USPAT	OR	OFF	2008/09/15 15:03
S40	22	ring adj menu	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/23 10:01
S41	24	ring\$1 adj menu	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/23 10:02
S42	1	("6544123").URPN.	USPAT	OR	OFF	2008/09/23 10:05
S43	80	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/23 10:05
S44	41	S43 and rotat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/23 10:07
S45	31	("6448987").URPN.	USPAT	OR	OFF	2008/09/23 10:11

S46	39	remov\$4 with detail\$3 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:06
S47	0	select\$2 near2 blur\$2 near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:12
S48	0	select\$2 with blur\$2 near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:12
S49	3	select\$2 with blur\$2 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:12
S50	58	blur\$2 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:13

S51	5	blur\$2 near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:13
S52	278	715/823	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:15
S53	166	(715/823).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:15
S54	81	S53 and icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:15
S55	15	S53 and icon\$1 and (grey \$2 or gray\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:16

S56	1	S53 and icon\$1 with (grey \$2 or gray\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:19
S57	8	S53 and icon\$1 and (blur \$3 or fad\$3 or dull\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:20
S58	1	S53 and icon\$1 same (blur \$3 or fad\$3 or dull\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:21
S59	24	S53 and icon\$1 same (blur \$3 or fad\$3 or dull\$3 or color\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:22
S60	4	icon\$1 with remov\$4 adj detail\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:24

S61	4	icon\$1 same remov\$4 adj detail\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:24
S62	112	select\$3 with icon\$1 with attribut\$2 with (chang\$3 or alter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:25
S63	112	select\$3 with icon\$1 with attribut\$2 with (chang\$3 or alter\$3) and715/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:25
S64	25	select\$3 with icon\$1 with attribut\$2 with (chang\$3 or alter\$3) and "715"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:25
S65	85	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57

S66	7	S65 and icon\$1 with rotat \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S67	20	"715"/\$ and ring near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S68	10	("5524196").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S69	32	("6448987").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S70	17	"20010045965" "20020186251" "20030043198" "4755809" "5615325" "5825353" "5854629" "5940076" "5958008" "5986638" "6005573" "6028600" "6064383" "6104400" "6188406" "6219053" "6993727"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S71	1	"715"/\$ and centering near2 icon\$1 near2 select \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57

S72	16	"715"/\$ and center\$3 near2 icon\$1 near2 select \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S73	106	"715"/\$ and center\$4 with icon\$1 with select\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S74	137	"715"/\$ and select\$3 with remov\$3 with icon\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S75	57	"715"/\$ and select\$3 with remov\$3 near3 icon\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S76	1	"715"/\$ and select\$3 with remov\$3 with icon\$1 with center\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S77	3	select\$3 with remov\$3 with icon\$1 with center\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S78	120	center\$3 near3 select\$3 near3 icon\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S79	116	select\$3 adj icon\$1 with center\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S80	26	select\$3 adj icon\$1 with center\$3 and "715"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S81	11	S65 and enlarg\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57

S82	372	icon\$1 with select\$3 with enlarg\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S83	75	icon\$1 with select\$3 with enlarg\$3 and "715"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S84	6	(icon\$1 with select\$3 with enlarg\$3) and (ring with icon\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S85	9	("5706448" "5828360" "5940076" "5999895" "6211921" "6337698" "6448987" "6463304" "6538635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S86	4	((("7036091") or ("6819344"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57

S87	6	("20010028369" "4893286" "5449330" "6154212" "6628313" "6664986").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/26 13:57
S88	9	("6819344").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S89	6	("5745717").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S90	85	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S91	60	S90 and center\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S92	4	S90 and center\$3 with ring\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S93	30	S90 and center\$3 and rotat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57

S94	8	S90 and diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S95	31	S90 and select\$4 with center\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S96	5	S90 and select\$4 with center\$4 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S97	0	S90 and select\$4 with (centers or centered) with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S98	59	select\$4 with (centers or centered) with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S99	1	("6544123").URPN.	USPAT	OR	OFF	2009/02/26 13:57

S100	46	menu\$1.ti. and (circle\$1 or circular\$2 or ring\$2).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S101	1	menu\$1.ti. and (circle\$1 or circular\$2 or ring\$2).ti. and center\$3 with icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S102	2	("6544123").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S103	1	("6544123").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S104	24	ring adj menu	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S105	26	ring\$1 adj menu	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57

S106	1	("6544123").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S107	85	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S108	44	S107 and rotat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/26 13:57
S109	32	("6448987").URPN.	USPAT	OR	OFF	2009/02/26 13:57
S110	2	("7246329").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/09 16:44
S111	2	("20020077978").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/09 17:45
S112	2	("6544123").URPN.	USPAT	OR	OFF	2009/08/05 11:42

S113	23	"20020113816" "20020145623" "20050183012" "20070044032" "5056021" "5276789" "5488725" "6173275" "6253218" "6414677" "6446061" "6510406" "6544123" "6560597" "6628304" "6675159" "6701305" "6711585" "6819344" "6880132" "7054870" "7096431" "7137075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/05 11:43
S114	1101	(715/835).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:34
S115	94	S114 and reduc\$3 near2 size\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:35
S116	14	S114 and reduc\$3 near2 size\$1 near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:36

S117	165	(715/821).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:38
S118	117	(715/834).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:44
S119	92	(715/836).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:51
S120	5853	nagahara.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:54
S121	5853	nagahara.in. and715/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:55

S122	21	nagahara.in. and "715"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:55
S123	2	("6,184,884").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:55
S124	9	("6184884").URPN.	USPAT	OR	OFF	2010/01/14 16:57
S125	117	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:57
S126	3	S125 and icon\$1 with select\$4 with small\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:59
S127	171	"715"/\$ and icon\$1 with select\$4 with small\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 16:59

S128	72	"715"/\$ and icon\$1 near2 select\$4 with small\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 17:00
S129	20	"20020116712" "20040027392" "20050154988" "20050210410" "20070101364" "20070204236" "20070266411" "20080059899" "6252596" "6344865" "6538672" "6750888" "6857128" "6934911" "6943842" "6966037" "7017122" "7032188" "7055104" "7257776"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 17:04
S130	16	S117 and reduc\$3 adj siz \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 17:07

S131	5	(first or primary) near2 ring\$1 near2 icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/14 11:37
S132	5	((("6600936") or ("7036091"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/14 11:39
S133	643	kwon.in. and kwak.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/14 11:40
S134	128	kwon.in. and kwak.in. and samsung	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/14 11:40
S135	127	kwon.in. and kwak.in. and samsung.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/14 11:40
S136	5	("4802225" "5499330" "5621874" "5680558" "5731997").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/14 11:42

S137	21	("5977974").URPN.	USPAT	OR	OFF	2010/06/14 11:43
S138	6	("6544123").URPN.	USPAT	OR	OFF	2010/09/23 13:30
S139	1	"715"/\$ and ring adj menu \$1	USPAT	OR	OFF	2010/09/23 13:32
S140	4	"20010028369" "20040100479" "20060020904" "20060107229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 13:33
S141	77	("6628304").URPN.	USPAT	OR	OFF	2010/09/23 13:34
S142	3	menu adj cluster\$1 and "715"/\$	USPAT	OR	OFF	2010/09/23 13:35
S143	16	menu adj cluster\$1 and "715"/\$	US-PGPUB; USPAT	OR	OFF	2010/09/23 13:35
S144	8	("6054989" "6160553" "6166738" "6188405" "6243093" "6243724" "6414677" "6426761"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 13:38
S145	151	(715/834).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:39

S146	2	("20040059626").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:47
S147	53	S145 and ring\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:48
S148	0	S145 and ring\$1 near2 small\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:48
S149	35	"715"/\$ and ring\$1 near2 small\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:48
S150	5	"715"/\$ and ring\$1.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:52

S151	0	"715"/\$ and cylinder\$1.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:53
S152	650	"715"/\$ and cylinder\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:54
S153	30	"715"/\$ and cylinder\$1 same menu\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/23 13:54
S154	4	("20010028369" "20040100479" "20060020904" "20060107229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 13:55
S155	16	("5619632" "5751965" "5926180" "6014697" "6040834" "6044405" "6046988" "6058103" "6061723" "6115743" "6144962" "6205122" "6222559" "6259451" "6304262" "6374293"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 14:00

S156	5	"5245109" "5295243" "5408655" "5515486" "5592599").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 14:01
S157	132	("5295243").URPN.	USPAT	OR	OFF	2010/09/23 14:02

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